



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 7976

<b>SERIAL NUMBER</b> 10/608,329	<b>FILING OR 371(c) DATE</b> 06/27/2003 <b>RULE</b>	<b>CLASS</b> 375	<b>GROUP ART UNIT</b> 2611	<b>ATTORNEY DOCKET NO.</b> 06269-013002
------------------------------------	---	---------------------	-------------------------------	--

## APPLICANTS

Gopal Harikumar, South Bend, IN;  
 Daniel Marchok, Buchanan, MI;

## \*\* CONTINUING DATA \*\*\*\*\*

DV.

This application is a CON of 09/054,468 04/03/1998 PAT 6,631,175

## \*\* FOREIGN APPLICATIONS \*\*\*\*\*

DV.

## IF REQUIRED, FOREIGN FILING LICENSE GRANTED \*\*

09/17/2003

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	<b>STATE OR COUNTRY</b> IN	<b>SHEETS DRAWING</b> 17	<b>TOTAL CLAIMS</b> 8	<b>INDEPENDENT CLAIMS</b> 5
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged Examiner's Signature <u>[Signature]</u> Initials				

## ADDRESS

26211

## TITLE

Spectrally constrained impulse shortening filter for a discrete multi-tone receiver

<b>FILING FEE RECEIVED</b> 918	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees
		<input type="checkbox"/> 1.16 Fees ( Filing )
		<input type="checkbox"/> 1.17 Fees ( Processing Ext. of time )
		<input type="checkbox"/> 1.18 Fees ( Issue )
		<input type="checkbox"/> Other _____
		<input type="checkbox"/> Credit